

GRN139925 Activates Telomerase:  
Neonatal Keratinocytes (HEKn-P, PD8)

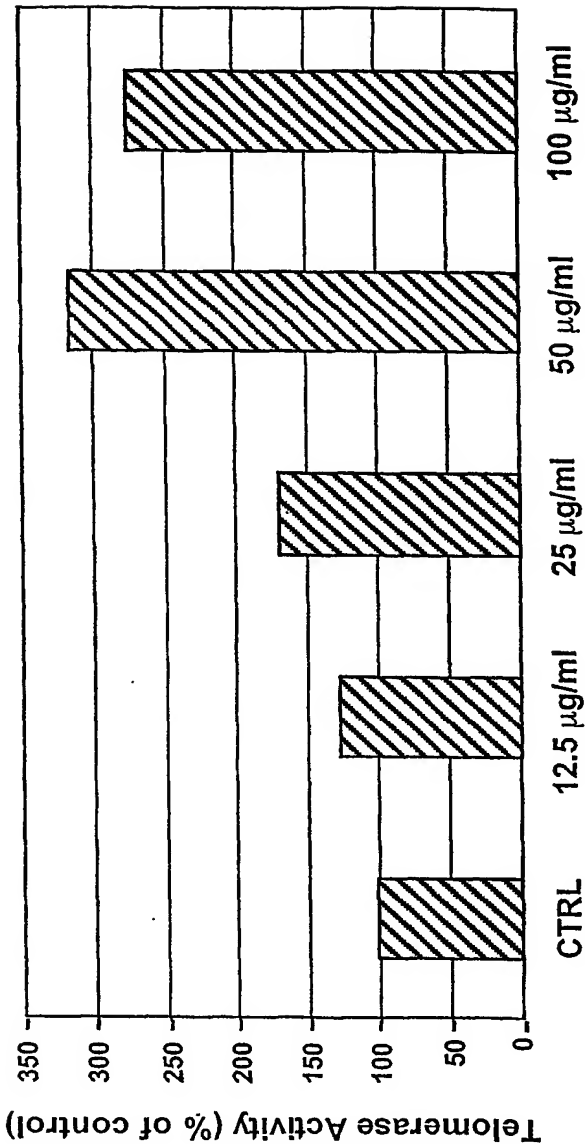


Fig. 1

# GRN139925 Activates Telomerase: Aging Adult Keratinocytes (HEKa18, PD34)

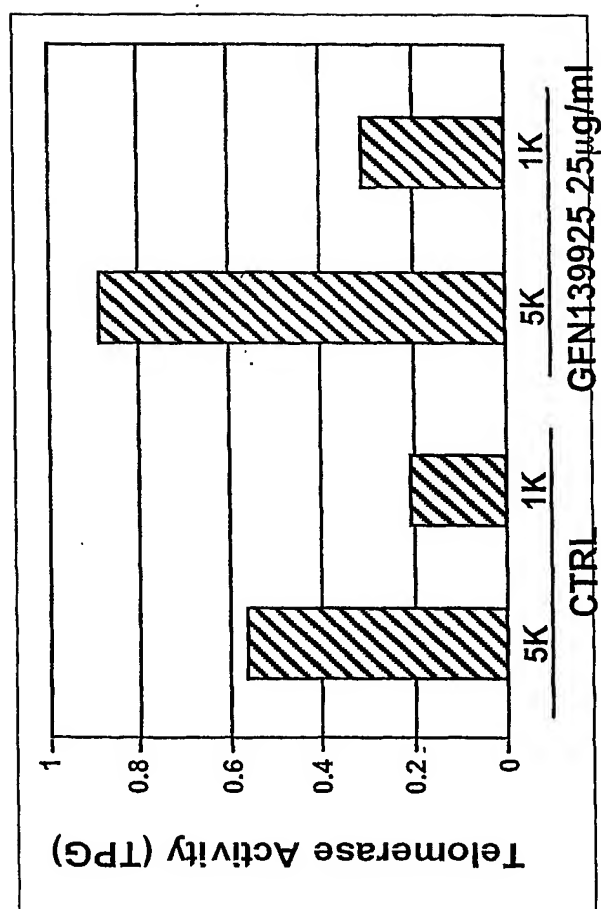


Fig. 2

GRN139925 Activates Telomerase:  
Neonatal Fibroblasts (HDFn, PD10)

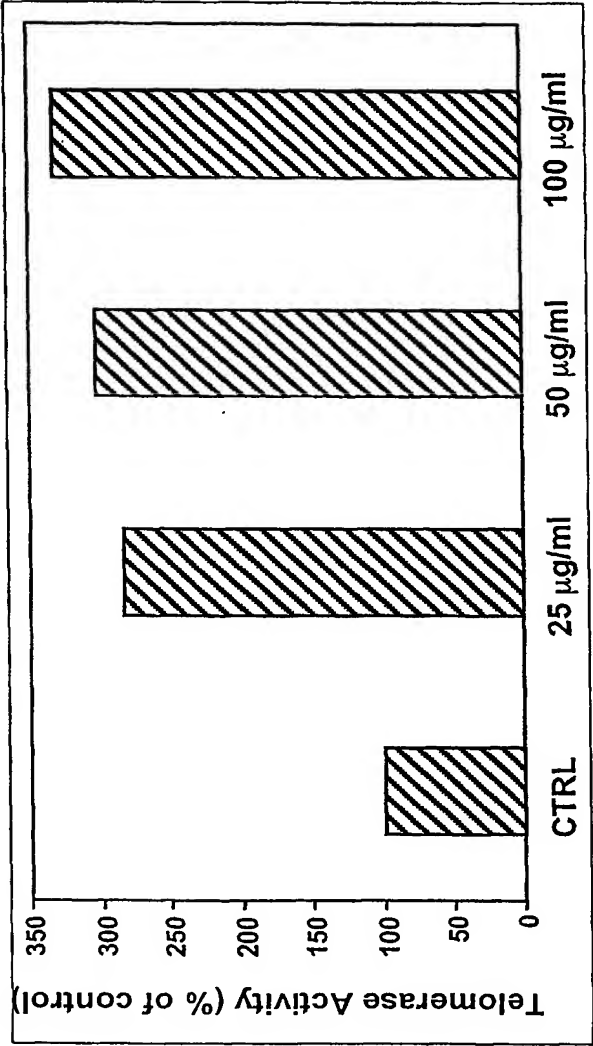


Fig. 3

GRN139925 Petroleum Ether Fractions

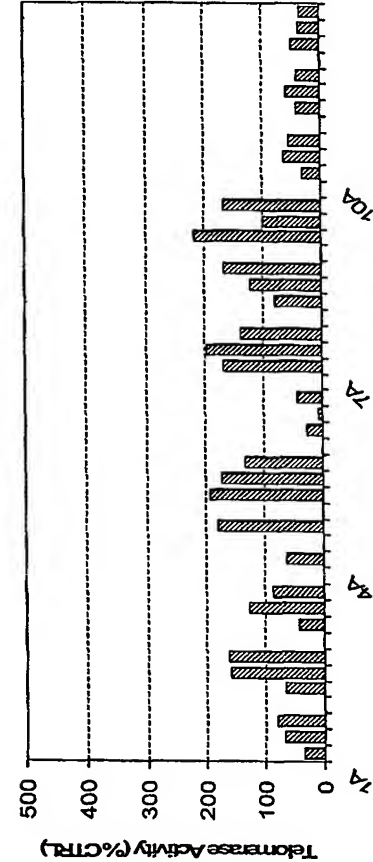


Fig. 4A

GRN139925 Chloroform Fractions

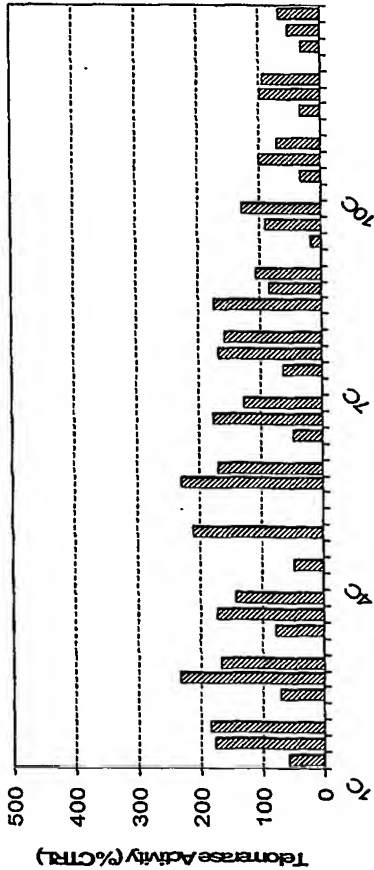


Fig. 4C

GRN139925 n-Hexane Fractions

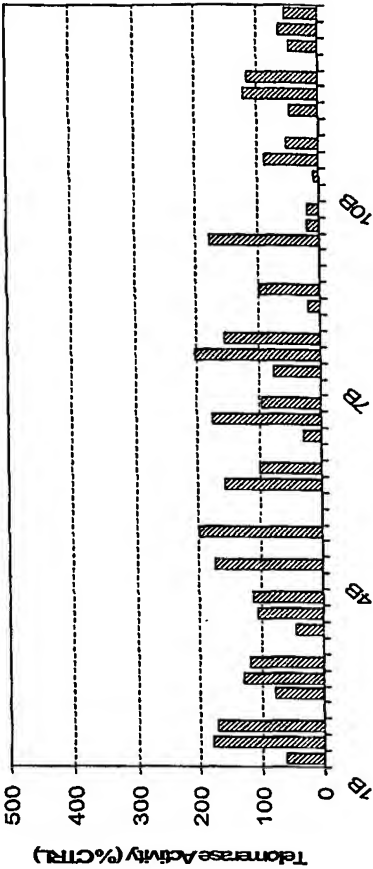


Fig. 4B

GRN139925 Ethyl Acetate Fractions

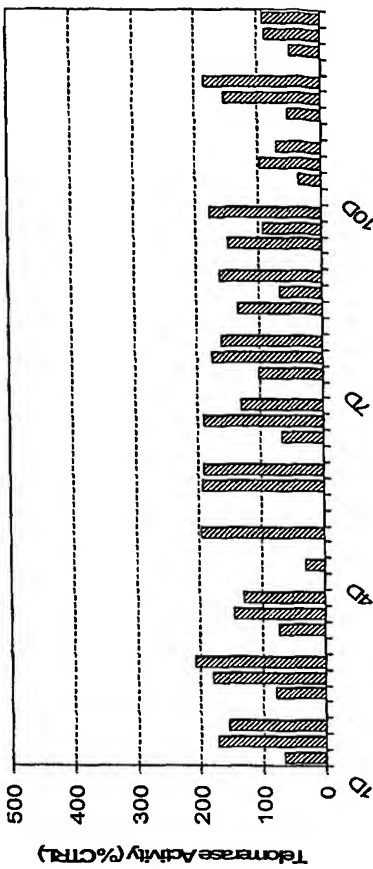


Fig. 4D

GRN139925 95% Ethanol Fractions

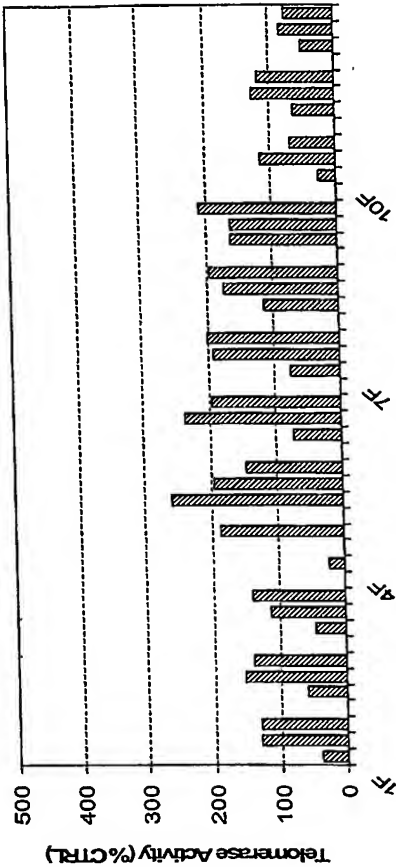


Fig. 5B

GRN139925 Water Fractions

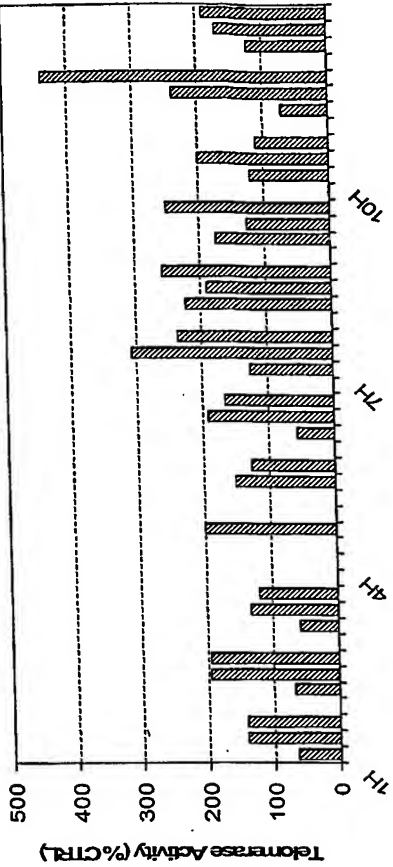


Fig. 5D

GRN139925 Acetone Fractions

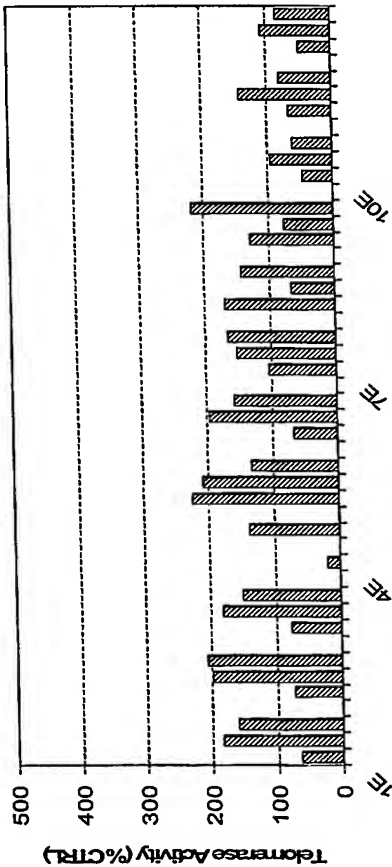


Fig. 5A

GRN139925 70% Ethanol Fractions

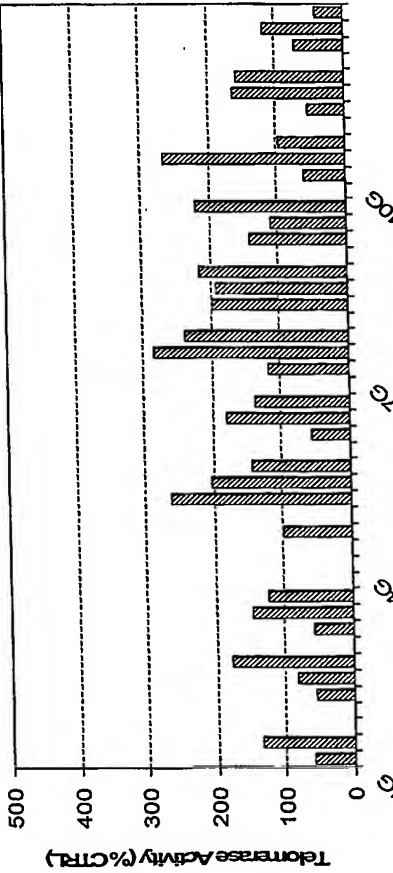
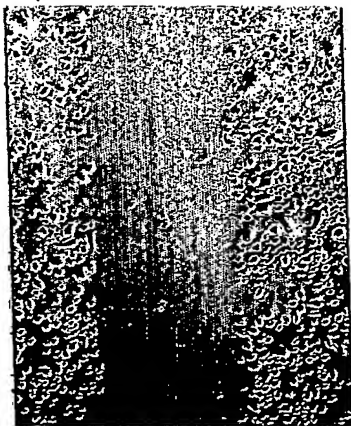


Fig. 5C

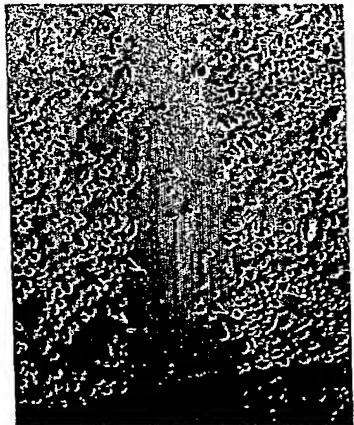
# GRN139925 Accelerates Wound Healing Capacity of Aging Keratinocytes (HEKa18, PD34)

**CONTROL**

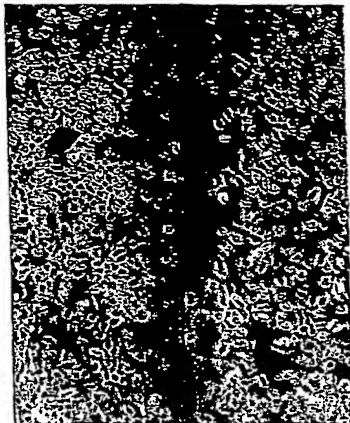
Day 1



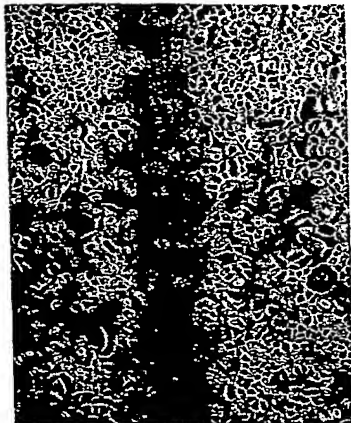
Day 2



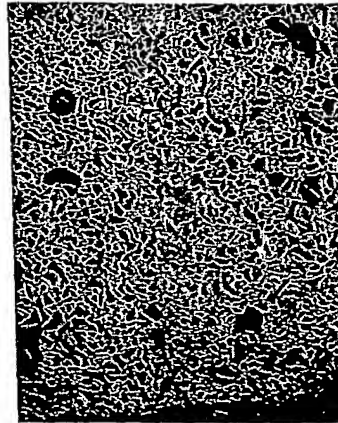
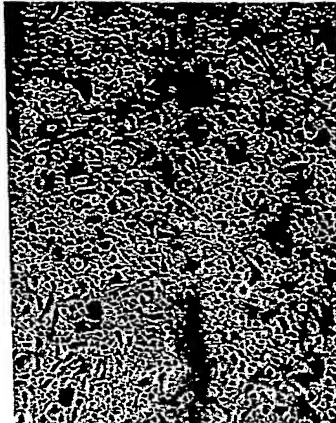
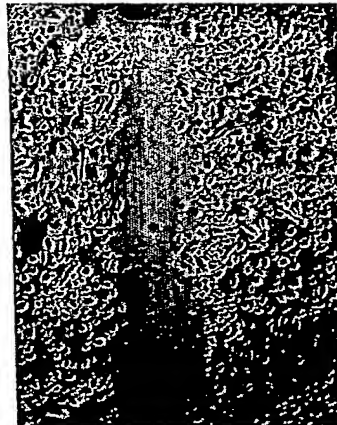
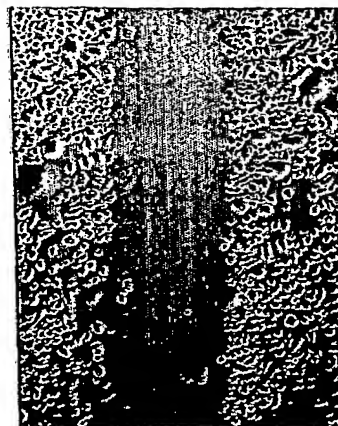
Day 3



Day 4



**GRN139925 25µg/ml**

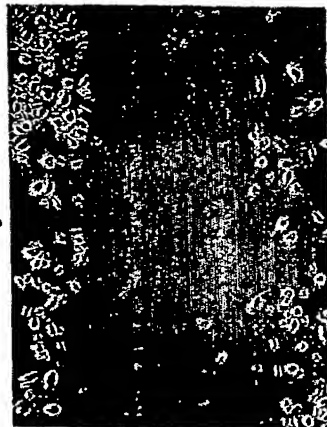


**Fig. 6**

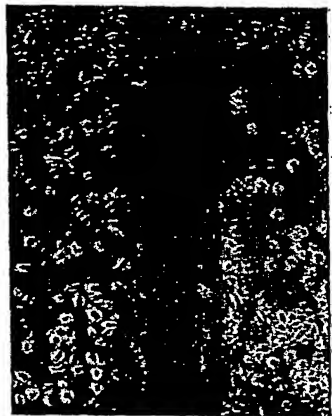
# GRN139925 Accelerates Wound Healing in Late Passage Keratinocytes (HEKn-P, PD40)

## CONTROL

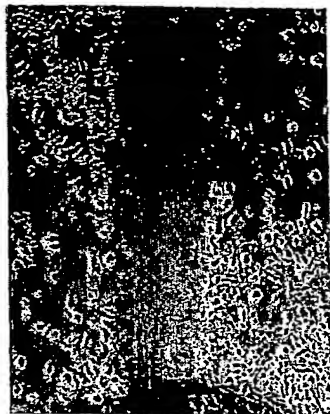
Day 1



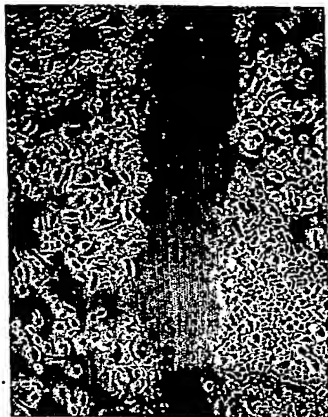
Day 2



Day 3



Day 4



## GRN139925.06 25µg/ml

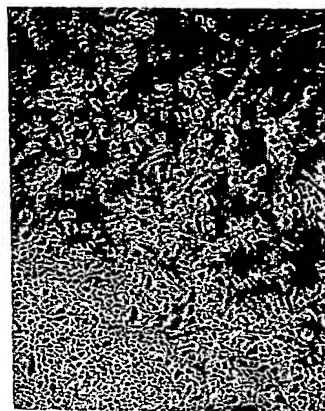
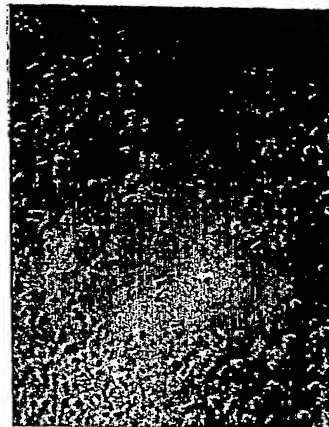
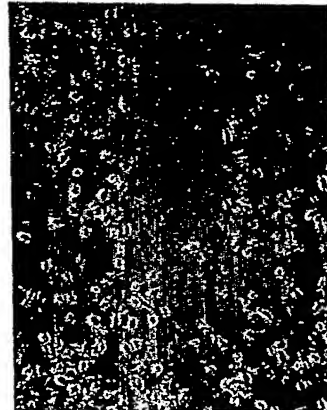
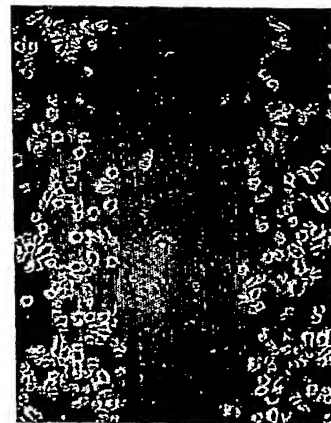


Fig. 7



# GRN139925 Restores Wound Healing Capacity of Aging Keratinocytes (HEKa18, PD34)

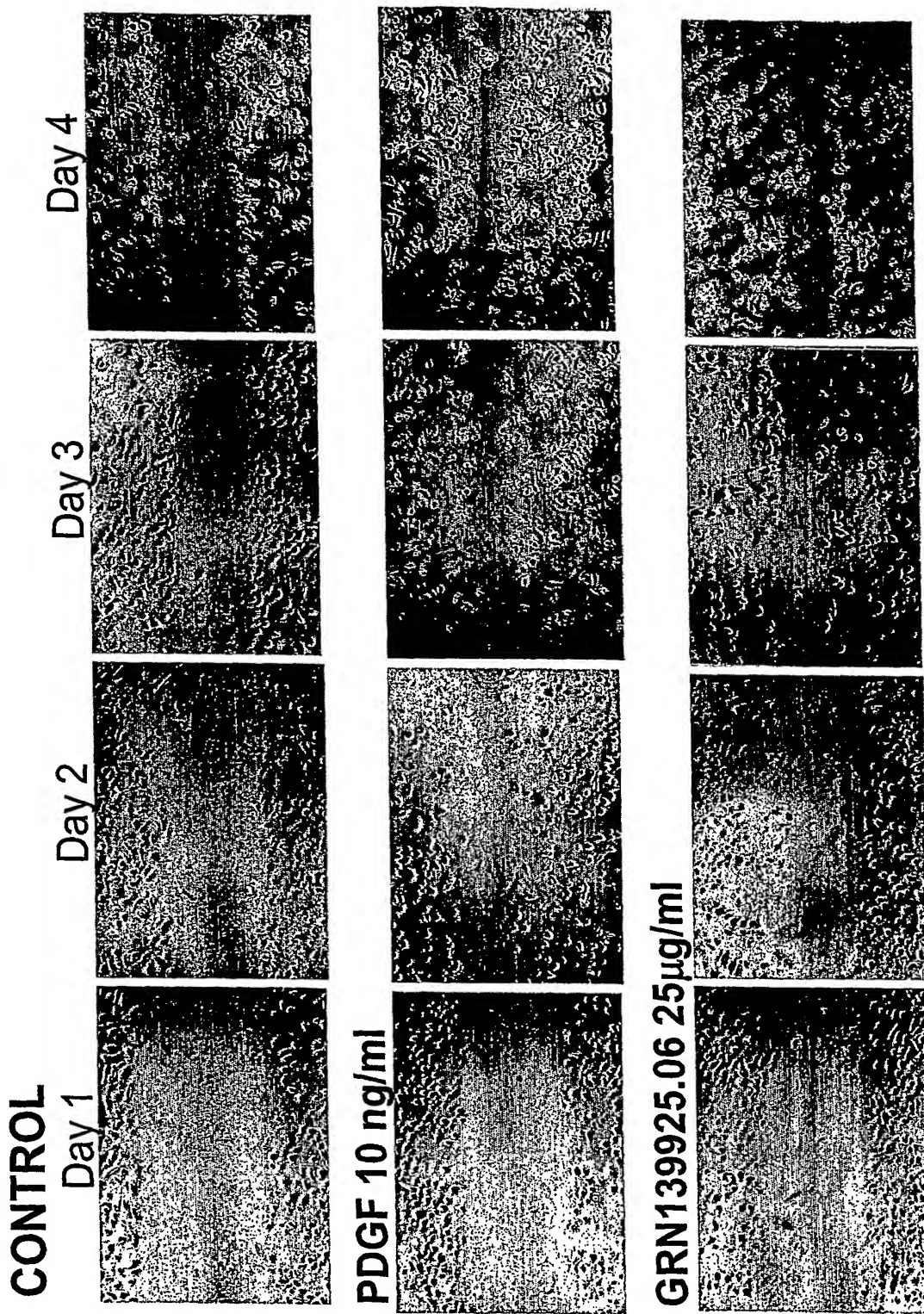


Fig. 8



# Acceleration of Wound Healing by GRN139925 in Aging KCs Is Both Migration- & Proliferation-dependent

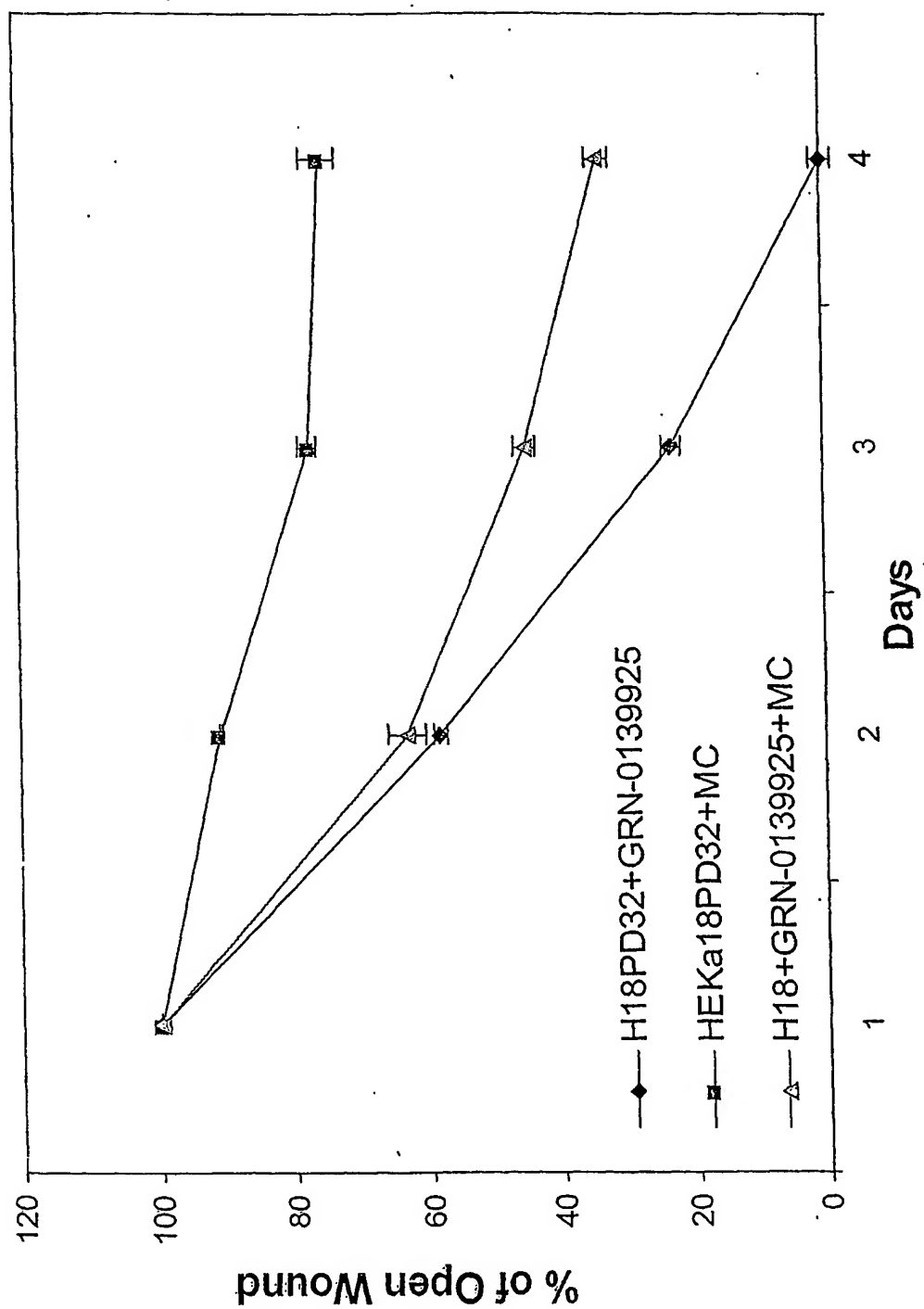


Fig. 9

# Acceleration of Wound Healing by GRN139925 in Aging Keratinocytes is Telomerase-Mediated

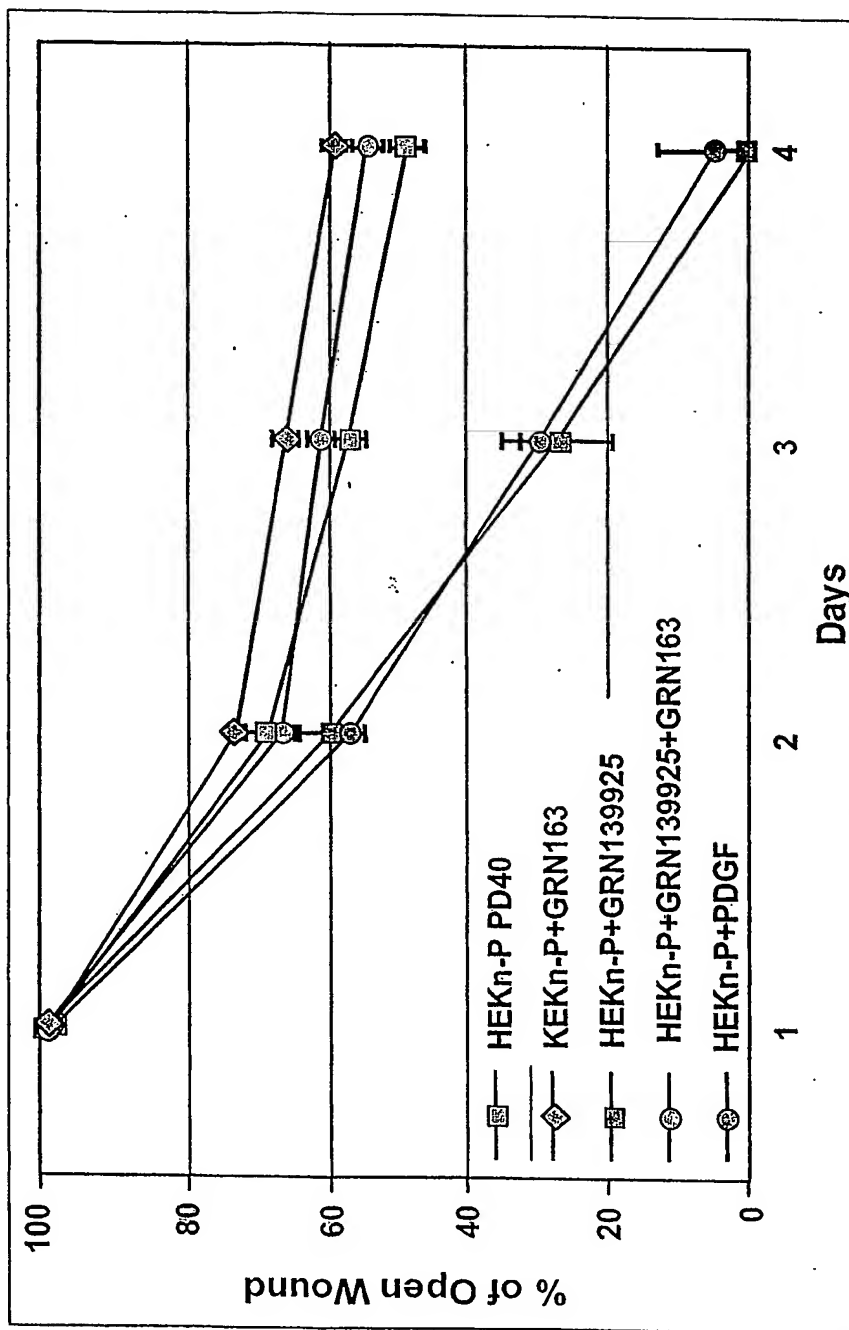


Fig. 10

Both GRN139925 and AdhTERT  
Protect Adult Keratinocytes from UV-induced Cell Death

Short term      UV-Protection upon Telomerase Activation (Exp.1)

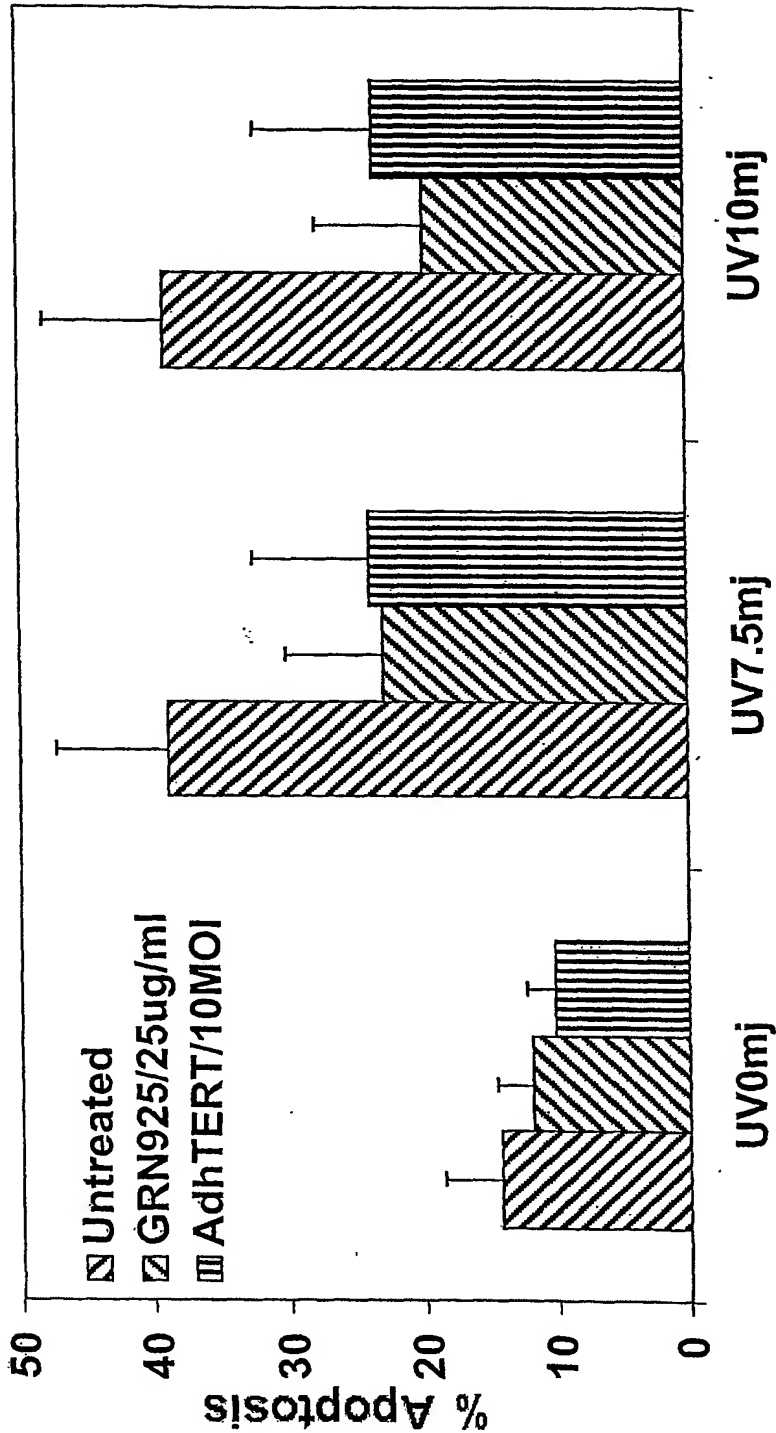


Fig. 11

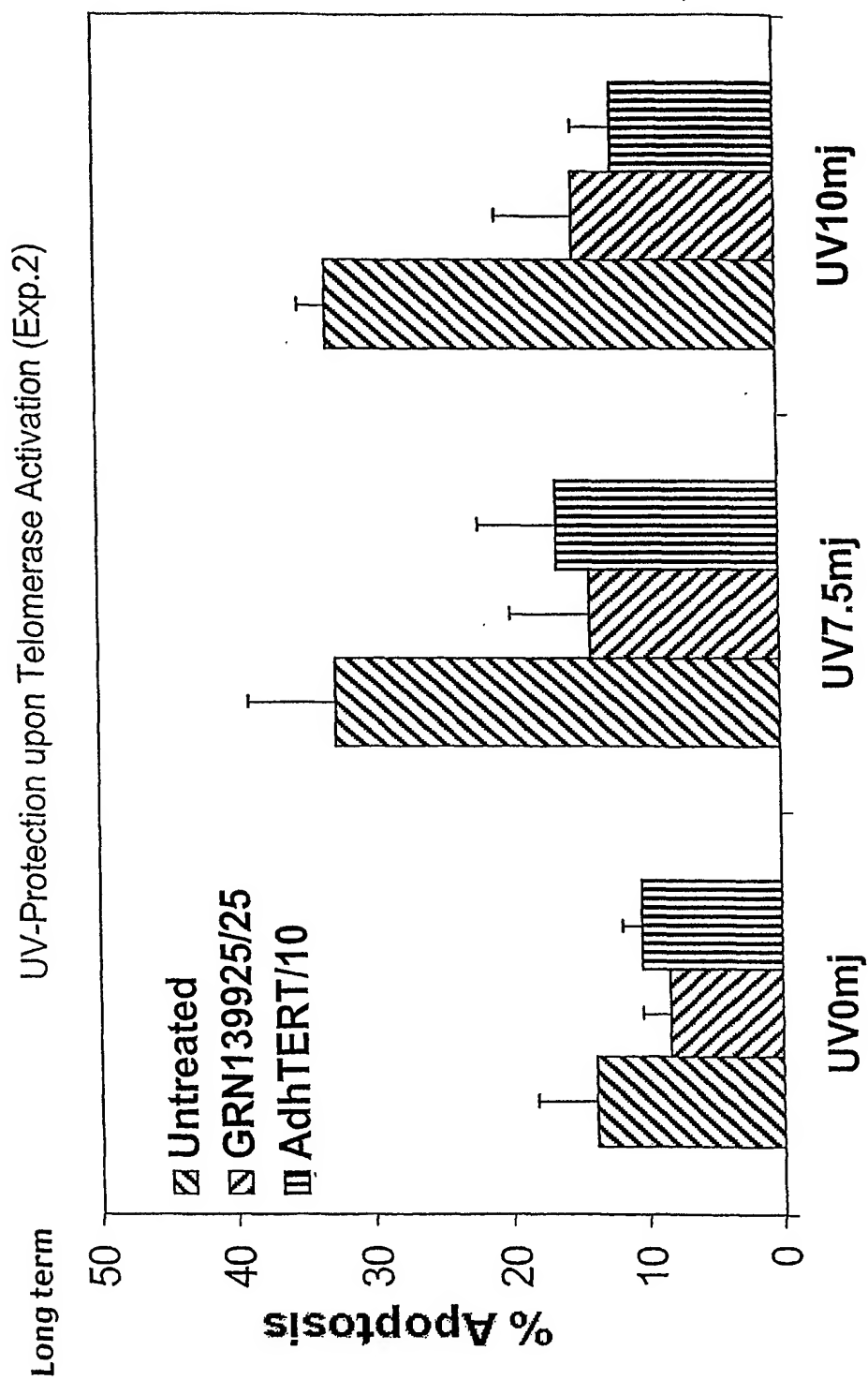


Fig. 12